

[54] **PROPYLENE CARBONATE OINTMENT VEHICLE**

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## Related U.S. Application Data

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[58] **Field of Search** ..... 424/241, 242, 243

## References Cited

### UNITED STATES PATENTS

3,136,696	6/1964	Harrison	424/73
3,178,352	4/1965	Ericksun	424/73
3,185,627	5/1965	Kass	424/73 X
3,592,930	7/1971	Katz	424/243

3,924,004 12/1975 Chang et al. .... 424/243

## FOREIGN PATENTS OR APPLICATIONS

1,448,042	6/1966	France
1,096,753	12/1967	United Kingdom

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## [57] ABSTRACT

An ointment vehicle containing from 0.5 to 30 percent propylene carbonate, from 30 to 99.5 weight percent petrolatum and/or polysiloxane, compatible cosolvent, the concentration of which in combination with propylene carbonate is from 0.5 to 70 percent, and, optionally, surfactants, thickeners, preservatives, and penetrants. This ointment is a suitable vehicle for all types of therapeutic agents for topical application including antibiotics, steroids, antihistamines, antiseptics, anesthetics, antibacterials, fungicides and the like, and has shown particular advantages with anti-inflammatory topical corticoids.

**7 Claims, No Drawings**